

STN

FIL MEDLINE BIOSIS EMBASE SCISEARCH CAPLUS USPATFULL PCTFULL

=> s sodium and channel and polymorphism and (hh1b or hh1?)

L1 61 SODIUM AND CHANNEL AND POLYMORPHISM AND (HH1B OR HH1?)

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 53 DUP REM L1 (8 DUPLICATES REMOVED)

=> s l1 and py<=2002

2 FILES SEARCHED...

4 FILES SEARCHED...

L3 32 L1 AND PY<=2002

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 5, 2004, 20:37:48 ; Search time 22471 Seconds
(without alignments)
11748.584 Million cell updates/sec

Title: US-10-077-054-1
Perfect score: 6091
Sequence: 1 gatgagaagatggcaaactt.....ggccaggacacactgaaaag 6091

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3470272 seqs, 21671516995 residues

Total number of hits satisfying chosen parameters: 6940544

Minimum DB seq length: 0
Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
7: gb_ph:*
8: gb_pl:*
9: gb_pr:*
10: gb_ro:*
11: gb_sts:*
12: gb_sy:*
13: gb_un:*
14: gb_vi:*
15: em_ba:*
16: em_fun:*
17: em_hum:*
18: em_in:*
19: em_mu:*
20: em_om:*
21: em_or:*
22: em_ov:*
23: em_pat:*
24: em_ph:*
25: em_pl:*
26: em_ro:*
27: em_sts:*

28: em_un:*
 29: em_vi:*
 30: em_htg_hum:*
 31: em_htg_inv:*
 32: em_htg_other:*
 33: em_htg_mus:*
 34: em_htg_pln:*
 35: em_htg_rod:*
 36: em_htg_mam:*
 37: em_htg_vrt:*
 38: em_sy:*
 39: em_htgo_hum:*
 40: em_htgo_mus:*
 41: em_htgo_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | % Query | | Match Length | DB | ID | Description |
|------------|---------------|-------------|--------------|-----------|----------------|---------------------------|
| | Score | | | | | |
| 1 | 6091 | 100.0 | 6091 | 9 | AF482988 | AF482988 Homo sapi |
| 2 | 6079.8 | 99.8 | 8414 | 9 | AY038064 | AY038064 Homo sapi |
| 3 | 6075.6 | 99.7 | 6169 | 9 | AY148488 | AY148488 Homo sapi |
| 4 | 6039.6 | 99.2 | 8491 | 6 | AX449276 | AX449276 Sequence |
| 5 | 6039.6 | 99.2 | 8491 | 6 | AX741279 | AX741279 Sequence |
| 6 | 6039.6 | 99.2 | 8491 | 9 | HUMHH1A | M77235 Human cardi |
| 7 | 6038 | 99.1 | 8491 | 6 | AX449278 | AX449278 Sequence |
| 8 | 5993.6 | 98.4 | 6048 | 6 | AR183727 | AR183727 Sequence |
| 9 | 5990.4 | 98.3 | 6048 | 6 | AR337848 | AR337848 Sequence |
| 10 | 5385.4 | 88.4 | 8530 | 6 | AX552195 | AX552195 Sequence |
| 11 | 5119.6 | 84.1 | 6394 | 4 | CFA555547 | AJ555547 Canis fam |
| 12 | 5094 | 83.6 | 6503 | 4 | BTA251721 | AJ251721 Bos tauru |
| 13 | 5014.8 | 82.3 | 7545 | 10 | RATSCAL | M27902 Rat cardiac |
| 14 | 5013.4 | 82.3 | 6458 | 10 | MMU271477 | AJ271477 Mus muscu |
| 15 | 4727.6 | 77.6 | 5901 | 6 | AX348083 | AX348083 Sequence |
| 16 | 4727.6 | 77.6 | 5901 | 10 | AF353637 | AF353637 Rattus no |
| 17 | 2553.6 | 41.9 | 6527 | 6 | A58859 | A58859 Sequence 7 |
| 18 | 2553.6 | 41.9 | 6527 | 6 | AR230064 | AR230064 Sequence |
| 19 | 2550.8 | 41.9 | 6524 | 6 | A58853 | A58853 Sequence 1 |
| 20 | 2550.8 | 41.9 | 6524 | 6 | AR230061 | AR230061 Sequence |
| 21 | 2550.8 | 41.9 | 6524 | 6 | AX710158 | AX710158 Sequence |
| 22 | 2550.8 | 41.9 | 6524 | 10 | RNSNS | X92184 R.norvegicu |
| 23 | 2549.6 | 41.9 | 6344 | 6 | AR253318 | AR253318 Sequence |
| 24 | 2549.6 | 41.9 | 6344 | 6 | AX252389 | AX252389 Sequence |
| 25 | 2549.6 | 41.9 | 6344 | 10 | RNU53833 | U53833 Rattus norv |
| 26 | 2508.8 | 41.2 | 6726 | 4 | CFU60590 | U60590 Canis famil |
| 27 | 2487 | 40.8 | 5874 | 6 | AR253325 | AR253325 Sequence |
| 28 | 2485.4 | 40.8 | 5874 | 6 | AX252393 | AX252393 Sequence |
| 29 | 2485.4 | 40.8 | 5874 | 6 | AX710162 | AX710162 Sequence |
| 30 | 2485.4 | 40.8 | 5874 | 9 | AF117907 | AF117907 Homo sapi |
| 31 | 2432.8 | 39.9 | 6373 | 6 | AX252391 | AX252391 Sequence |
| 32 | 2432.8 | 39.9 | 6373 | 10 | MMSNS | Y09108 M.musculus |
| 33 | 2243 | 36.8 | 6007 | 6 | AR181336 | AR181336 Sequence |

| | | | | | | |
|----|--------|------|------|----|----------|--------------------|
| 34 | 2243 | 36.8 | 6586 | 10 | AF049240 | AF049240 Rattus no |
| 35 | 2225.4 | 36.5 | 6586 | 6 | AR181360 | AR181360 Sequence |
| 36 | 2221.6 | 36.5 | 7052 | 6 | A58857 | A58857 Sequence 5 |
| 37 | 2221.6 | 36.5 | 7052 | 6 | AR230063 | AR230063 Sequence |
| 38 | 2214.4 | 36.4 | 5977 | 6 | AR181335 | AR181335 Sequence |
| 39 | 2214.4 | 36.4 | 6556 | 6 | AR181338 | AR181338 Sequence |
| 40 | 2214.4 | 36.4 | 6556 | 10 | AF049239 | AF049239 Rattus no |
| 41 | 2204.2 | 36.2 | 5937 | 10 | AF049617 | AF049617 Mus muscu |
| 42 | 2167.4 | 35.6 | 6826 | 6 | AR181339 | AR181339 Sequence |
| 43 | 2167.4 | 35.6 | 6826 | 10 | RATSCP6A | L39018 Rattus norv |
| 44 | 2098.6 | 34.5 | 7008 | 6 | AX741281 | AX741281 Sequence |
| 45 | 2098.6 | 34.5 | 7008 | 9 | AB027567 | AB027567 Homo sapi |